

Declaration and Power of Attorney for Patent Application English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTRONIC DEVICE MANUFACTURE

the specification of which

(check one)

- ☒ corresponds to and claims priority of U.S. Provisional Application Serial No.: 80/232,127, filed September 12, 2000.
- ☐ was filed on _____ as United States Application No. or PCT Application No. _____ and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 36, United States Code, Section 119(a)-(d) or Section 385(b) of any foreign application(s) for patent or inventor's certificate, or Section 385(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/232,127
(Application Serial No.)

September 13, 2000
(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of the United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark office all information known to me to be material to patentability as defined in Title 37, C.F.C., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	--

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

David G. Conlin Reg. No. 27,026
 George W. Neuner Reg. No. 28,984
 Linda M. Buckley Reg. No. 31,003
 Peter J. Manus Reg. No. 28,788
 Peter F. Corleas Reg. No. 33,880
 Cara Z. Lowen Reg. No. 38,227
 William J. Daley, Jr. Reg. No. 35,487
 Steven M. Jansen Reg. No. 42,693
 John B. Alexander Reg. No. 48,399

Christine C. O'Day Reg. No. 38,258
 Robert L. Buchanan Reg. No. 40,927
 David E. Tucker Reg. No. 27,840
 Lisa Swiszczy Hazzard Reg. No. 44,388
 George W. Hartnell Reg. No. 42,639
 Kathleen Carr Reg. No. 41,658
 Stewart L. Gittler Reg. No. 31,256
 Kathryn A. Piffat Reg. No. 34,901

S. Matthew Cairns Reg. No. 42,378
 John J. Piskorski Reg. No. 35,847
 Darryl P. Frickey Reg. No. 34,603

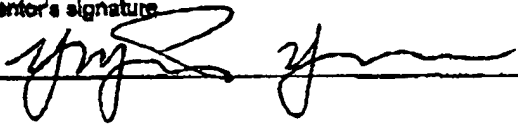
Send Correspondence to:

S. Matthew Cairns
 c/o EDWARDS & ANGELL, LLP
 Dike, Bronstein, Roberts & Cushman, IP Group
 P.O. Box 9169
 Boston, Massachusetts 02209, U.S.A.

Direct Telephone Calls to:
(name and telephone number)

S. Matthew Cairns
 Telephone: (508) 229-7545
 Facsimile: (508) 229-0254

Full name of sole or first inventor	
Michael K. GALLAGHER	
Sole or first inventor's signature	Date:
Residence	
308 Walden Lane, Lansdale, Pennsylvania 19446, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of second inventor	
Yujian YOU	
Second inventor's signature	Date:
	9/7/01
Residence	
1142 Kipling Court, Lansdale, Pennsylvania 19446, U.S.A.	
Citizenship	
People's Republic of China	
Post Office Address	
Same As Above	

Declaration and Power of Attorney for Patent Application English Language Declaration

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ELECTRONIC DEVICE MANUFACTURE

the specification of which

(check one)

- ☒ corresponds to and claims priority of U.S. Provisional Application Serial No.: 60/232,127, filed September 12, 2000.
- ☐ was filed on _____ as United States Application No. or PCT Application No. _____ and was amended on _____ (if applicable)

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Prior Foreign Application(s)	<u>Priority Not Claimed</u>
<div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Number)</div> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Country)</div> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Day/Month/Year Filed)</div> </div>	[]
<div style="display: flex; justify-content: space-between; margin-bottom: 10px;"> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Number)</div> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Country)</div> <div style="width: 30%; border-bottom: 1px solid black; text-align: center;">(Day/Month/Year Filed)</div> </div>	[]
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I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/232,127
(Application Serial No.)

September 13, 2000
(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

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(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Peter F. Corless	Reg. No. 33,860	George W. Hartnell	Reg. No. 42,639
Cara Z. Lowen	Reg. No. 38,227	Kathleen Carr	Reg. No. 41,658
William J. Daley, Jr.	Reg. No. 35,487	Stewart L. Gitler	Reg. No. 31,256
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John B. Alexander	Reg. No. 48,399		

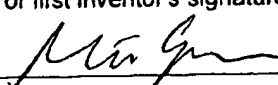
S. Matthew Cairns	Reg. No. 42,378
John J. Piskorski	Reg. No. 35,647
Darryl P. Frickey	Reg. No. 34,603

Send Correspondence to:

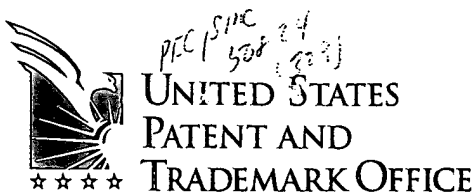
S. Matthew Cairns
c/o EDWARDS & ANGELL, LLP
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P.O. Box 9169
Boston, Massachusetts 02209, U.S.A.

Direct Telephone Calls to:
(name and telephone number)

S. Matthew Cairns
Telephone: (508) 229-7545
Facsimile: (508) 229-0254

Full name of sole or first inventor	
Michael K. GALLAGHER	
Sole or first inventor's signature 	Date: 9/4/01
Residence	
308 Walden Lane, Lansdale, Pennsylvania 19446, U.S.A.	
Citizenship	
U.S.A.	
Post Office Address	
Same As Above	

Full name of second inventor	
Yujian YOU	
Second inventor's signature	Date:
Residence	
1142 Kipling Court, Lansdale, Pennsylvania 19446, U.S.A.	
Citizenship	
People's Republic of China	
Post Office Address	
Same As Above	



Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

NOVEMBER 21, 2001

PTAS

EDWARDS & ANGELL, LLP
DIKE, BRONSTEIN, ROBERTS & CUSHMAN, IP
PETER F. CORLESS
P.O. BOX 9169
BOSTON, MA 02209



101846376A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/08/2001

REEL/FRAME: 012158/0851
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GALLAGHER, MICHAEL K.

DOC DATE: 09/04/2001

ASSIGNOR:

YOU, YUJIAN

DOC DATE: 09/07/2001

ASSIGNEE:

SHIPLEY COMPANY, L.L.C.
455 FOREST STREET
MARLBOROUGH, MASSACHUSETTS 01752

SERIAL NUMBER: 09948388
PATENT NUMBER:

FILING DATE: 09/08/2001
ISSUE DATE:

SAUNDRA BALLENGER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-18-2001

Sheet No.: 50824

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office



PATENTS ONLY

101846376

9.501

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael K. GALLAGHER
Yujian YOU

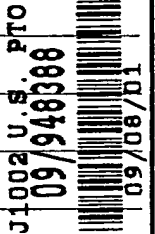
Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Shipley Company, L.L.C.

Address: 455 Forest Street



3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: Marlborough

State/Prov.: MA

Country: U.S.A.

ZIP: 01752

Execution Date: September 7, 2001

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 09/07/01

Patent Application No.

Filing date

B. Patent No.(s)

09 948 388

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Peter F. Corless

Registration No. 33,860

Address: EDWARDS & ANGELL, LLP

Dike, Bronstein, Roberts & Cushman, IP Group

P.O. Box 9169

City: Boston State/Prov.: MA

Country: U.S.A. ZIP: 02209

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1105

40.00 DP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is true copy of the original document.

Peter F. Corless

Name of Person Signing

Signature

09/07/01

Date

3

Total number of pages including cover sheet, attachments, and

09/12/2001 SFEELE1 00000062 09948388

03 FC:581

ASSIGNMENT

WHEREAS, I, Michael K. GALLAGHER of Lansdale, Pennsylvania and I, Yujian YOU of Lansdale, Pennsylvania, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ELECTRONIC DEVICE MANUFACTURE", for which an application for United States Letters Patent with the same title shall be filed herewith receiving Serial No. _____, and a filing date of _____, and which application corresponds to and claims priority of U.S. Provisional Application Serial No. 60/232,127, filed September 12, 2000; and

WHEREAS, Shipley Company, L.L.C., located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignors have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors also have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

The Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignors also hereby grant the law firm of EDWARDS & ANGELL, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Dated this 4 day of September, 2001.



Michael K. GALLAGHER

Dated this ____ day of _____, ____.

Yujian YOU

Attorney Docket No. 50824

Page 1 of 2

ASSIGNMENT

WHEREAS, I, Michael K. GALLAGHER of Lansdale, Pennsylvania and I, Yujian YOU of Lansdale, Pennsylvania, (hereinafter referred to as "Assignors"), have invented certain new and useful improvements in "ELECTRONIC DEVICE MANUFACTURE", for which an application for United States Letters Patent with the same title shall be filed herewith receiving Serial No. _____, and a filing date of _____, and which application corresponds to and claims priority of U.S. Provisional Application Serial No. 60/232,127, filed September 12, 2000; and

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignors have assigned and transferred, and do hereby assign and transfer to the Assignee, its successors and assigns, their entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignors would hold and enjoy if this Assignment had not been made.

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Docket No. 50824

Page 2 of 2

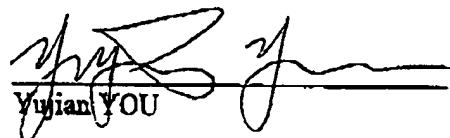
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IN WITNESS WHEREOF, the Assignors have caused this Assignment to be executed.

Dated this ____ day of _____, ____.

Michael K. GALLAGHER

Dated this 7 day of September 2001.



Yujian YOU